

METHOD, SYSTEM, AND STORAGE MEDIUM FOR COLLECTING SNMP BANDWIDTH DATA

ABSTRACT

One embodiment of the invention relates to a method for collecting SNMP bandwidth data from a network device via a data collection system. The method involves simultaneously collecting data samples from a port on the network device by collecting servers. The collecting servers include a master server and at least one slave server. The method further involves producing a master text file by the master server and a slave text file by the slave server. Data computation activities are performed which include generating a clean data file utilizing the master and slave text files and computing delta values for data samples in the clean text file. Control of data computation activities is transferred to the slave server upon a failure detected at the master server. Other embodiments include a system and a storage medium.